
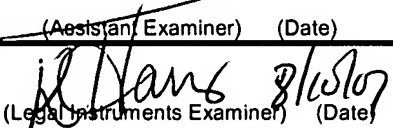


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|------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------|
| Issue Classification  | Application/Control No. 10/028,032 | Applicant(s)/Patent under Reexamination KAUTTO-KOIVULA ET AL. |
| | Examiner Cao (Kevin) Nguyen | Art Unit 2173 |

| ISSUE CLASSIFICATION | | | | | | | | | | | | |
|----------------------|-----------------------------------|-----|----------|--|--|------------------------------|----|---|-------------|-----|---|--|
| ORIGINAL | | | | | | INTERNATIONAL CLASSIFICATION | | | | | | |
| CLASS | | | SUBCLASS | | | CLAIMED | | | NON-CLAIMED | | | |
| 715 | | | 853 | | | G | 06 | F | 15 | /00 | | |
| CROSS REFERENCES | | | | | | G | 06 | F | 13 | /00 | | |
| CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | | | | | | |
| 715 | 854 | 851 | | | | | | | | | / | |
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|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| (Assistant Examiner) (Date)  (Legal Instruments Examiner) (Date) | CAO (KEVIN) NGUYEN PRIMARY EXAMINER (Primary Examiner) 2/21/18 (Date) | Total Claims Allowed: 104 O.G. Print Claim(s) 1 O.G. Print Fig. 5D |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | | | | | | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
|----------------------------------------------------------------------------------------|----------|--|-------|----------|--|-------|----------|--|-------|----------|--|------------------------------|----------|-------------------------------|-------|---------------------------------|--|
| Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | |
| 1 | 1 | | 34 | 31 | | 64 | 61 | | 94 | 91 | | | 121 | | | 151 | |
| 2 | 2 | | 35 | 32 | | 65 | 62 | | 95 | 92 | | | 122 | | | 152 | |
| 3 | 3 | | 36 | 33 | | 66 | 63 | | 96 | 93 | | | 123 | | | 153 | |
| 4 | 4 | | 37 | 34 | | 67 | 64 | | 97 | 94 | | | 124 | | | 154 | |
| 5 | 5 | | 38 | 35 | | 68 | 65 | | 98 | 95 | | | 125 | | | 155 | |
| 6 | 6 | | 39 | 36 | | 69 | 66 | | 99 | 96 | | | 126 | | | 156 | |
| 7 | 7 | | 40 | 37 | | 70 | 67 | | 23 | 97 | | | 127 | | | 157 | |
| 8 | 8 | | 41 | 38 | | 71 | 68 | | 24 | 98 | | | 128 | | | 158 | |
| 9 | 9 | | 42 | 39 | | 72 | 69 | | 25 | 99 | | | 129 | | | 159 | |
| 10 | 10 | | 43 | 40 | | 73 | 70 | | 100 | 100 | | | 130 | | | 160 | |
| 11 | 11 | | 44 | 41 | | 74 | 71 | | 101 | 101 | | | 131 | | | 161 | |
| 12 | 12 | | 45 | 42 | | 75 | 72 | | 102 | 102 | | | 132 | | | 162 | |
| 13 | 13 | | 46 | 43 | | 76 | 73 | | 103 | 103 | | | 133 | | | 163 | |
| 14 | 14 | | 47 | 44 | | 77 | 74 | | 104 | 104 | | | 134 | | | 164 | |
| 15 | 15 | | 48 | 45 | | 78 | 75 | | | 105 | | | 135 | | | 165 | |
| 16 | 16 | | 49 | 46 | | 79 | 76 | | | 106 | | | 136 | | | 166 | |
| 17 | 17 | | 50 | 47 | | 80 | 77 | | | 107 | | | 137 | | | 167 | |
| 18 | 18 | | 51 | 48 | | 81 | 78 | | | 108 | | | 138 | | | 168 | |
| 19 | 19 | | 52 | 49 | | 82 | 79 | | | 109 | | | 139 | | | 169 | |
| 20 | 20 | | 53 | 50 | | 83 | 80 | | | 110 | | | 140 | | | 170 | |
| 21 | 21 | | 54 | 51 | | 84 | 81 | | | 111 | | | 141 | | | 171 | |
| 22 | 22 | | 55 | 52 | | 85 | 82 | | | 112 | | | 142 | | | 172 | |
| 26 | 23 | | 56 | 53 | | 86 | 83 | | | 113 | | | 143 | | | 173 | |
| 27 | 24 | | 57 | 54 | | 87 | 84 | | | 114 | | | 144 | | | 174 | |
| 28 | 25 | | 58 | 55 | | 88 | 85 | | | 115 | | | 145 | | | 175 | |
| 29 | 26 | | 59 | 56 | | 89 | 86 | | | 116 | | | 146 | | | 176 | |
| 30 | 27 | | 60 | 57 | | 90 | 87 | | | 117 | | | 147 | | | 177 | |
| 31 | 28 | | 61 | 58 | | 91 | 88 | | | 118 | | | 148 | | | 178 | |
| 32 | 29 | | 62 | 59 | | 92 | 89 | | | 119 | | | 149 | | | 179 | |
| 33 | 30 | | 63 | 60 | | 93 | 90 | | | 120 | | | 150 | | | 180 | |